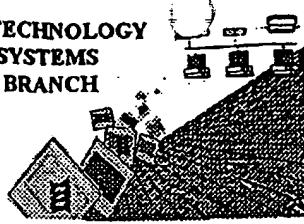




BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/840,139A

Source: 1EFS

Date Processed by STIC: 7/29/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

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- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

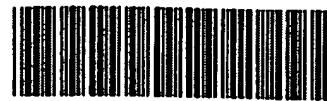
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/840,139A

DATE: 07/29/2004

TIME: 09:24:12

Input Set : A:\IRF6_substitute.ST25.txt
 Output Set: N:\CRF4\07292004\J840139A.raw

3 <110> APPLICANT: Schutte, Brian C.
 4 Murray, Jeffrey C.
 5 Kondo, Shinji
 6 Dixon, Michael J.
 8 <120> TITLE OF INVENTION: IRF6 POLYMORPHISMS ASSOCIATED WITH CLEFT LIP AND/OR PALATE
 10 <130> FILE REFERENCE: P06215US01
 12 <140> CURRENT APPLICATION NUMBER: US/10/840,139A
 13 <141> CURRENT FILING DATE: 2004-05-06
 15 <150> PRIOR APPLICATION NUMBER: US 60/468,191
 16 <151> PRIOR FILING DATE: 2003-05-06
 18 <160> NUMBER OF SEQ ID NOS: 4
 20 <170> SOFTWARE: PatentIn version 3.2
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 2171
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Homo sapiens
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 29 <221> NAME/KEY: variation
 30 <222> LOCATION: (3)..(3)
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 39 <221> NAME/KEY: variation
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 41 <223> OTHER INFORMATION: 17ins(C) (exon 3)
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 45 <222> LOCATION: (48)..(48)
 47 <220> FEATURE:
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 50 <223> OTHER INFORMATION: 49del (CAGGTGGATAGTGGCC (exon 3)
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 59 <222> LOCATION: (53)..(53)
 60 <223> OTHER INFORMATION: T to C (exon 3)

ppr1-5
 Does Not Comply
 Corrected Diskette Needed

do you mean A to G? G is at location 3
 (p.5)

? G is at location 53

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/840,139A

DATE: 07/29/2004

TIME: 09:24:12

Input Set : A:\IRF6_substitute.ST25.txt
 Output Set: N:\CRF4\07292004\J840139A.raw

62 <220> FEATURE:
 63 <221> NAME/KEY: variation
 64 <222> LOCATION: (69)..(69)
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 69 <222> LOCATION: (115)..(115)
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 72 <220> FEATURE:
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 74 <222> LOCATION: (178)..(178)
 75 <223> OTHER INFORMATION: T to G (exon 4)
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 79 <222> LOCATION: (182)..(182)
 80 <223> OTHER INFORMATION: C to G (exon 4)
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 84 <222> LOCATION: (197)..(197)
 85 <223> OTHER INFORMATION: A to C (exon 4)
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 89 <222> LOCATION: (202)..(202)
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 94 <222> LOCATION: (208)..(208)
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 104 <222> LOCATION: (244)..(244)
 105 <223> OTHER INFORMATION: C to A (exon 4)
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 109 <222> LOCATION: (250)..(250)
 110 <223> OTHER INFORMATION: C to T (exon 4)
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 114 <222> LOCATION: (251)..(251)
 115 <223> OTHER INFORMATION: G to A (exon 4)
 117 <220> FEATURE:
 118 <221> NAME/KEY: variation
 119 <222> LOCATION: (262)..(262)
 120 <223> OTHER INFORMATION: A to C (exon 4)
 122 <220> FEATURE:

? "A" is at location 178

? "A" is at location 182

do you mean C to A? "A" is at location 197.

do you mean C to G? "G" is at location 208.

do you mean A to G? "G" is at location 251.

? "T" is at location 262

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/840,139A

DATE: 07/29/2004
TIME: 09:24:12

Input Set : A:\IRF6_substitute.ST25.txt
Output Set: N:\CRF4\07292004\J840139A.raw

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126 <220> FEATURE:
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128 <222> LOCATION: (265)..(265) T is at 265
129 <223> OTHER INFORMATION: A to G (exon 4)
131 <220> FEATURE:
132 <221> NAME/KEY: variation
133 <222> LOCATION: (268)..(268)
134 <223> OTHER INFORMATION: A to G (exon 4) ? C is at 268.
136 <220> FEATURE:
137 <221> NAME/KEY: variation
138 <222> LOCATION: (274)..(274) ? "A" is at 274
139 <223> OTHER INFORMATION: G to T (exon 4)
141 <220> FEATURE:
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143 <222> LOCATION: (292)..(292)
144 <223> OTHER INFORMATION: G to C (exon 4) ? "T" is at 292
146 <220> FEATURE:
147 <221> NAME/KEY: variation
148 <222> LOCATION: (352)..(352)
149 <223> OTHER INFORMATION: C to T (exon 4) ? "A" is at 352
151 <220> FEATURE:
152 <221> NAME/KEY: variation
153 <222> LOCATION: (466)..(466)
154 <223> OTHER INFORMATION: 466ins(C) (exon 5)
156 <220> FEATURE:
157 <221> NAME/KEY: variation
158 <222> LOCATION: (558)..(558)
159 <223> OTHER INFORMATION: C to A (exon 6)
161 <220> FEATURE:
162 <221> NAME/KEY: variation
163 <222> LOCATION: (576)..(576)
164 <223> OTHER INFORMATION: G to A (exon 6)
166 <220> FEATURE:
167 <221> NAME/KEY: variation
168 <222> LOCATION: (634)..(634)
169 <223> OTHER INFORMATION: 634ins(CCAC) (exon 6)
171 <220> FEATURE:
172 <221> NAME/KEY: variation
173 <222> LOCATION: (657)..(657)
174 <223> OTHER INFORMATION: 657del(CTCTCTCCC)ins(TA) (exon 6)
176 <220> FEATURE:
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179 <223> OTHER INFORMATION: 744del(CTGCC) (exon 7)
181 <220> FEATURE:
182 <221> NAME/KEY: variation
183 <222> LOCATION: (749)..(749)

Please ensure locations
are correct in this
and subsequent
sequences.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/840,139A

DATE: 07/29/2004
TIME: 09:24:12

Input Set : A:\IRF6_substitute.ST25.txt
Output Set: N:\CRF4\07292004\J840139A.raw

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186 <220> FEATURE:
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188 <222> LOCATION: (759)..(759)
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193 <222> LOCATION: (795)..(795)
194 <223> OTHER INFORMATION: 795del(C) (exon 7)
196 <220> FEATURE:
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199 <223> OTHER INFORMATION: A to G (exon 7)
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203 <222> LOCATION: (842)..(842)
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208 <222> LOCATION: (870)..(870)
209 <223> OTHER INFORMATION: 870del(CACTAGCAAGCTGCTGGAC) ins(A) (exon 7)
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213 <222> LOCATION: (881)..(881)
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/840,139A

DATE: 07/29/2004

TIME: 09:24:12

Input Set : A:\IRF6_substitute.ST25.txt
Output Set: N:\CRF4\07292004\J840139A.raw

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 248 <222> LOCATION: (1106)..(1106)
 249 <223> OTHER INFORMATION: T to C (exon 8)
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 253 <222> LOCATION: (1122)..(1122)
 254 <223> OTHER INFORMATION: C to G (exon 8)
 256 <220> FEATURE:
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 258 <222> LOCATION: (1162)..(1162)
 259 <223> OTHER INFORMATION: A to G (exon 8)
 261 <220> FEATURE:
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 263 <222> LOCATION: (1177)..(1177)
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 274 <223> OTHER INFORMATION: G to A (exon 9)
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 279 <223> OTHER INFORMATION: 1381ins(C) (exon 9)
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 284 cagtcctac ttggtagag ccaggcggcc cttggctaag acgtcgagga gctgttgtagc 120
 286 gacgggtgat cttcgctgcg gacttggttc ggagggacgt cccgttctgg tggacagatt 180
 288 gagcaaagaa tcttttagcg gtcaaggaa agacaagccg actcttcaga tccctgtgaa 240
 290 cacactgcct gttttccat atc atg gtc ctc dac ccc cgc aga gtc cgg dta 293
 Met Ala Leu His Pro Arg Arg Val Arg Leu
 292 1 5 10
 294 aag ccc tgg ctg gtg gcc cag gtg gat agt ggc ctc tac cct ggg ctc 341
 295 Lys Pro Trp Leu Val Ala Gln Val Asp Ser Gly Leu Tyr Pro Gly Leu
 296 15 20 25
 298 atc tgg cta dac agg gac tct aaa cgc ttc cag att ccc tgg aaa cat 389
 299 Ile Trp Leu His Arg Asp Ser Lys Arg Phe Gln Ile Pro Trp Lys His
 300 30 35 40
 302 gcc acc cgg cat agc cct caa caa gaa gag gaa aat acc att ttt aag 437
 303 Ala Thr Arg His Ser Pro Gln Gln Glu Glu Asn Thr Ile Phe Lys
 304 45 50 55
 306 gcc tgg gct gta gag aca ggg aag tac cag gaa ggg gtg gat gac cct 485
 307 Ala Trp Ala Val Glu Thr Gly Lys Tyr Gln Glu Gly Val Asp Asp Pro
 308 60 65 70
 310 gac cca gct aaa tgg aag gcc cag ctg cgc tgt gct ctc aat aag agc 533

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/840,139A

DATE: 07/29/2004

TIME: 09:24:13

Input Set : A:\IRF6_substitute.ST25.txt
Output Set: N:\CRF4\07292004\J840139A.raw

L:12 M:270 C: Current Application Number differs, Wrong Format